Dear Sir:

Transmitted herewith for filing is the patent application of

Michael A. Rothman and Vincent J. Zimmer

For:

DEFRAGMENTING OBJECTS IN A STORAGE MEDIUM

Enclosed are:

3 sheet(s) of drawings; 1 cover page; 13 pages of application; 7 pages of specification; 1 page of abstract. Declaration and Power of Attorney (___ unsigned).

An assignment of the invention to <a>Intel Corporation.

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| | | | CALCULATIO | N OF FEES | · | | , |
|------|--|------------------------------------|------------|----------------------------|--------|-----------|---------|
| ITEM | | NO. OF CLAIMS FILED MINUS BASE* | | NO. OF CLAIMS OVER BASE | X FEE | \$ AMOUNT | \$ FEE |
| Α | TOTAL CLAIMS FEE | 31 | - 20* = | 11 | X \$18 | \$198 | |
| В | INDEPENDENT CLAIMS | 4 | - 3* = | 1 | x \$86 | \$86 | |
| С | SUBTOTAL - ADDITIONAL CLAIMS FEE (ADD FINAL COLUMN IN LINES A + B) | | | | | | \$284 |
| D | MULTIPLE-DEPENDENT CLAIMS FEE SMALL ENTITY FEE = \$145; LARGE ENTITY FEE = \$290 | | | | | | \$0 |
| E | BASIC FEE* SMALL ENTITY FEE = \$385; LARGE ENTITY FEE = \$770 | | | | | | \$770 |
| F | TOTAL FILING FEE (ADD TOTALS FOR LINES C, D, AND E) | | | | | | \$1,054 |
| G | ASSIGNMENT RECORDING FEE \$ 40 | | | | | | \$40 |
| | "LIST INDEPENDENT CLAIMS 1, 10, 19, 23 | | | | | | **** |

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Case Docket No.P19009

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A check in the amount of \$1,054 to cover the filing fee is enclosed.

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Respectfully submitted,

David W. Victor

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application for

Examiner: Not Yet Assigned

M.A. Rothman and V.J. Zimmer

Serial No.: Not Yet Assigned

Art Unit: Not Yet Assigned

Filed: April 13, 2004

For: **DEFRAGMENTING OBJECTS IN**

A STORAGE MEDIUM

CERTIFICATE OF MAILING

Mail Stop Patent Application Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Dear Sir:

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I hereby certify that patent application papers, including specification, claims and 3 sheets of drawings are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

April 13, 2004 (Date of Deposit)

Geoffrey Bell

(Name of person mailing paper or fee)

(Signature)